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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Norihito FUJITA Examiner: Unknown
Serial No.: 10/785,191 Group Art Unit: 2183
Filed: 02/25/2004 Docket: 040405-0367
Title: NAME RESOLUTION SERVER AND PACKET TRANSFER DEVICE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as First Class Mail with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313 on May 11, 2005..

By: _____

Richard Ruggiero
Richard Ruggiero

Commissioner for Patents
Alexandria, VA 22313

Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement (In duplicate)
- ☒ Form PTO-Form SB08
- ☒ Copies of Cited References with abstracts (3)
- ☒ Return postcard

Please charge any fees associated with this transmittal to Deposit Account No: 19-0741. **A duplicate of this sheet is enclosed.**

Date: May 11, 2005

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By: _____

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DAB/rsr



Atty. Dkt. No. 040405-0367

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Examiner: Unknown
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| <p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>RICHARD RUGGIERO</u> (Printed Name)</p> <p><u>Richard Ruggiero</u> (Signature)</p> <p><u>MAY 11, 2005</u> (Date of Deposit)</p> |
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Japanese application. A copy of an English language abstract of the listed documents, if available, is being provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider this document (37 C.F.R. § 1.98 and MPEP §609). The Examiner in the Corresponding Japanese Patent Application has commented as follows:

Note (for the cited literature, see the List of Cited Literature)

- Claims 1–16, 21, 23–27, 30–45, 50–52, and 55
- Cited Literature 1–3
- Remarks

Claims 1–9, 30–38, 51, and 52

Cited Literature 1 describes an invention for a DNS server which acquires weighting type information (corresponding to the “attribute information” of the present application) based on a user ID (corresponding to the “information contained in a name resolution request message” of the present application) contained in an access request message (corresponding to the “name resolution request message” of the present application) from a user, and replies with the address of the content server to which the user requested access based on the weighting type information for said user (see Cited Literature 1, paragraphs (0019) – (0026), etc.).

There is no remarkable difference between the invention described in Cited Literature 1 and the inventions according to Claims 1–9, 30–38, 51, and 52 of the present application.

Claims 10–16 and 39–45

Cited Literature 2 describes the art of an authentication server which acquires a user name and IP address information (corresponding to the “attribute information” of the present application) from an accounting request message (corresponding to the “authentication request” of the present application) and registers said info with a DNS server (corresponding to the “user information database” of the “name resolution server” of the present application) (see Cited Literature 2, paragraphs (0029) – (0036), etc.).

Adapting the art described in Cited Literature 2 to the invention described in Cited Literature 1 to create an invention for a name resolution server which acquires user attribute information from an authentication server, records said attribute information in a user information database and updates it, as per Claims 10–16 and 39–45 of the present application, is something which could be easily accomplished by a person skilled in the art.

What protocol to use in acquiring attribute information is a design matter to be suitably determined as necessary by a person skilled in the art.

Claims 21, 23–27, 50, and 55

Cited Literature 3 (see Claim 26) describes the art whereby a relay device (corresponding to the “packet forwarding device” of the present application) acquires service processing capability information (corresponding to the “attribute information” of the present application) from a service processing device (corresponding to the “client” of the present application) and transmits a profile containing said service processing capability information to a server. Thus, having a packet forwarding device acquire attribute information from a client message and transmit a message to which said attribute information has been attached to a server is something which can be accomplished conventionally, and adapting said packet forwarding device to a network system comprising a DNS server as described in Cited Literature 1, thereby arriving at the inventions according to Claims 21, 23–27, 50, and 55 of the present application, is something which could be easily accomplished by a person skilled in the art.

If any reasons for rejection are newly discovered, a Notification of Reasons for Rejection will be issued.

List of Cited Literature

1. Japanese Unexamined Patent Application Publication 2003-32281
2. Japanese Unexamined Patent Application Publication 2003-18183
3. Japanese Unexamined Patent Application Publication 2001-251341

STATEMENT

The undersigned hereby states in accordance with 37 CFR §1.704(d) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 5-1-05

By David A. Blumenthal

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: May 11, 2005

Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

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| Application Number | 10/785,191 |
| Filing Date | 02/25/2004 |
| First Named Inventor | Norihito FUJITA |
| Group Art Unit | 2183 |
| Examiner Name | Unknown |
| Attorney Docket Number | 040405-0367 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| | | Number | Kind Code ² (if known) | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | A1 | JP | 2003-018183 | | IVYNETWORKS CO. LTD | 01/17/2003 | | AB |
| | A2 | JP | 2003-032281 | | NTT Data Corp. | 01/31/2003 | | AB |
| | A3 | JP | 2001-251341 | | NEC Corp. | 09/14/2001 | | AB |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
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Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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